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Therefore, this

United States Patent

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United States Patent [19]**Moscovitch**[11] **Patent Number:** **5,687,939**[45] **Date of Patent:** **Nov. 18, 1997**[54] **DUAL DISPLAY SYSTEM**[76] **Inventor:** **Jerry Moscovitch, 59 Cowan Avenue,
Toronto, Canada, M6K 2N1**[21] **Appl. No.:** **638,158**[22] **Filed:** **Apr. 26, 1996**[51] **Int. CL⁶** **F16L 3/00**[52] **U.S. CL** **248/122.1; 248/921; D14/113**[58] **Field of Search** **248/917, 919,
248/921, 122.1, 178.1, 185.1, 176.3; D14/113,
126**[56] **References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Leslie A. Braun**Assistant Examiner**—Willie Berry, Jr.**Attorney, Agent, or Firm**—Mirek A. Waraksa[57] **ABSTRACT****15 Claims, 9 Drawing Sheets**

A display system includes a base, a pair of electronic displays, and an arm assembly that supports the displays from the base in vertical or horizontal registration. In one implementation, the arm assembly is a single telescopic member that rotates relative to the base and locks in vertical and horizontal orientations, the displays rotate relative to the member between corresponding extreme angular positions in which the operative angular orientation of the displays relative to horizontal is maintained, and the length of the member is adjusted to minimize separation of the displays. In another implementation, the arm assembly has separate arms rotating about vertically spaced axes and linked to minimize the separation of the displays automatically when vertically or horizontally registered. In a simple implementation, the arm assembly is a rigid arm that releasably attaches to the base only in vertical and horizontal orientations, the displays mounted releasably to the arm in pre-defined angular orientations that preserve their operative angular orientation, and one display can be connected to the arm at spaced apart position to adjust separation of the displays.

